

Amendments to Specification

ABSTRACT

A window vent stop for use in a sliding sash window assembly or a sliding door assembly. The vent stop has a housing adapted to be disposed in a recess in the non-movable sash member. ~~This housing includes a cavity with a bottom plate therein. In addition, the~~ The housing includes a tumbler, which is spring biased. ~~The tumbler has at least one pivot for pivotally securing the tumbler to the housing for movement between an extended position, to prevent movement of the sliding member, and a retracted position, to allow movement of the sliding member. Also within the housing is a spring for biasing the tumbler.~~ The tumbler has a first locking member that contacts a second locking member on [the] a release member when the tumbler is in [a] the retracted position and the first locking member does not contact the second locking member when the tumbler is in the extended position. The release member has a head in the form of an inverted "U", the release member being in the shape of an inverted "T" and wherein the release member pivots about first and second pins. Also contained within the housing is a button. A pin on an underside of the button contacts a top surface of the release member.

Best Available Copy

Application No. 10/623,120

Please replace paragraph 26 with the following new paragraph.

FIG. 10 is a ~~cross sectional front~~ view of the tumbler of FIG. 8 taken along A-A.

Please replace paragraph 28 with the following new paragraph.

FIG. 12 is a ~~perspective side~~ view of the tumbler of FIG. 8.

Please replace paragraph 31 with the following new paragraph.

FIG. 15 is a ~~side perspective~~ view of a portion of the top of the release mechanism of FIG. 10.

Please replace paragraph 32 with the following new paragraph.

FIG. 16 is a perspective view of the ~~release mechanism~~ spring of FIG. 10.

Please replace paragraph 41 with the following new paragraph.

FIG. 25 is an enlarged view of the portion [A] H of FIG. 21.

Please replace paragraph 42 with the following new paragraph.

FIG. 26 is an enlarged view of the portion [B] I of FIG. 21.

Please replace paragraph 50 with the following new paragraph.

The vent stop 10 includes a housing 11 shown in FIG. 1 that retains the mechanism of the stop.

The housing is installed in an opening or recess in the front surface of the sash stile. The housing

Best Available Copy

Application No. 10/623,120

11 may have a front wall 12, rear wall 13 and side walls 14 and 15. On the top surface of the housing is a faceplate 16 which has a lip portion [17] 16a that overlaps the peripheral edge of the recess to support the housing 11 therein and to furnish an attractive exterior appearance and protect any rough edges in the opening in the sash stile. The front wall 12, the rear wall 13 and the side walls 14 and 15 extend downwardly from the under surface of the faceplate 16. The side walls 14 and 15 are each provided with an opening 17 and 18 respectively for receiving pivot members 19 and 20 on the tumbler 21. It will be appreciated that alternatively, the tumbler 21 may be provided with openings 17 and 18 and the housing with the pivot members 19 and 20. Similarly, although the openings 17 and 18 preferably extend completely through the sidewall of the housing they do not have to, provided the opening is deep enough to retain the pivot members in position.

Please replace paragraph 51 with the following new paragraph.

The side walls 14 and 15 of the housing are also provided with a recessed track 22 and 23. The recessed track is generally in the form of an arc and the track is intended to receive retaining members 24 and 25 that extend from the tumbler [60] 21. The retaining members 24 and 25 typically govern the amount of travel permitted to the tumbler and help retain the tumbler within the housing. As was the case with the openings 17 and 18, the tumbler 21 may alternatively be provided with the recessed tracks 22 and 23. In such embodiment, the interior of the side walls 14 and 15 of the housing may be provided with the retaining members 24 and 25.

Best Available Copy

Application No. 10/623,120

Please replace paragraph 52 with the following new paragraph.

Also contained within the housing 11 is the button 27. The button 27 has a top surface 28 that the operator manipulates in operating the vent lock. Typically, the button 27 is pushed inwardly to pivot the release member 29. The pin 32 on the underside of the button contacts the top surface 33 of the release member 29. As the release member 29 pivots, head 30 moves upwardly thereby releasing the tip 32 of the tumbler [31] 21. When the head 30 rises off of the tip 32a, the spring 33 forces the tumbler 21 upwardly into a locking position. The release member 29 is provided with a first pin 34 and a second pin 35 that may be received by orifices 36 and 37 in the sidewalls of the housing.

Please replace paragraph 53 with the following new paragraph.

The tumbler is preferably provided with a recessed portion 38 for receiving one end 39 of the spring 33. The tumbler has a front portion 40 and a rear portion 41. The first tip 32a rises upwardly when the tumbler is released and contacts the underside 45 of the top surface 16 of the housing. The second tip 42 of the front portion extends upwardly above the top surface 16 of the vent stop housing and prevents the sash from moving while the tumbler is raised. The rear portion 41 of the tumbler has a generally flat surface 43 that contacts tab 44 that extends downwardly from the underside 45 of the top surface 16. This tab 44 provides additional support to further prevent the tumbler from extending a further distance from the housing.

Please replace paragraph 55 with the following new paragraph.

Best Available Copy

Application No. 10/623,120

The front wall 12 and the rear wall 13 preferably have one or more retaining pins [52] 53 and [53] 54 that extend outwardly from the exterior surface of the housing members. Similarly, the side walls 14 and 15 of the housing may also have one or more retaining pins [54] 55 and [55] 56 extending therefrom. These pins ~~52-55~~ 53-56 are preferably flexible and give slightly to permit the vent stop to be inserted into the opening in the sash. The gap [56] 57 between the underside 17 of the faceplate 16 and the upper surface of the pin is preferably generally about the thickness of the material used in the sash stile or slightly less. The retaining pins are designed so that when the vent stop is snapped into the opening in the sash the pins will retain the vent stop in position and not be removed easily. The faceplate 16 is preferably formed as a solid one piece member and is configured to project only slightly forward of the front surface of the stile so as not to interfere with the relative sliding movement of the sashes. The faceplate 16 may be provided with a curved outer peripheral edge [57] 58, however it will be appreciated that the outer peripheral edge may be any configuration besides curved as is desired.

Please replace paragraph 56 with the following new paragraph.

The faceplate 16 includes a centrally located generally elongate vertical opening 58a which is in communication with an interior cavity 59 of the housing 11. The tumbler [60] 21 is mounted within the cavity 59 to pivot therein and to lockingly engage the upper exterior surface of the lower sash header as the lower sash header is raised.

Please replace paragraph 57 with the following new paragraph.

Best Available Copy

Application No. 10/623,120

The tumbler [60] 21 has a bottom surface 61 and a front face 62. The front face 62 is angled as shown in the Figures to permit the tumbler to easily move from an inactivated to an activated position. The spring preferably has a ring 63 that permits the spring 33 to be retained in position by a pin 64 in the underside of the tumbler. A preferred type of spring is a leaf spring shown in FIG. 13. However, it will be appreciated by those skilled in the art that other types of springs may be used.